

24/G(N/E)

EXPRESS MAIL NO.: GB 624 977 518 US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Burrell et al.

Application No.: 08/284,199

Group Art Unit: 1803

Filed: August 2, 1994

Examiner: D. FOX

For: MODIFICATION OF
PLANT METABOLISM

Attorney Docket No.: 9341-005

AMENDMENT UNDER 37 C.F.R. § 1.111

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In response to the Notice of Declaration of Interference, Applicant submits the following amendments and remarks. No fee is believed to be required for this submission. Should any fee be required, please charge it to Pennie & Edmonds LLP deposit account no. 16-1150.

IN THE CLAIMS:

Please amend the claims as follows.

2. (five times amended) A process for the preparation of a transgenic plant, which process comprises:

- (i) transforming a plant cell with a chimaeric gene comprising (a) a promoter operably linked to (b) a deoxyribonucleic acid fragment comprising a coding sequence which encodes for an enzyme selected from the group consisting of phosphofructokinase and adenosine diphosphoglucose pyrophosphorylase; whereby there is caused a modification of the amount of a metabolic intermediate

(a) in the pre-existing intracellular pathway of glycolysis.